

# Israa Elnaggar

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Targeted Career Electrical Engineer

Looking for a challenging role where I can utilize my engineering expertise and interpersonal skills to design, develop, and implement effective solutions. Eager to contribute both as a team member and independently to drive organizational growth while enhancing my technical and personal capabilities.

## Education Qualification:

2017-2022 **B.S.E in Electrical Power & Machines Department, Faculty of Engineering - Al-Azhar University.**  
Grade: **Excellent 85 %**  
2023-2027 **Master of Science: Electrical Engineering**

## Experience

oct 2023 - Present

### The Higher Institute of Engineering in Elshorouk

**Full-time**

Position:

**Teaching assistant**

- Supported classroom activities, tutoring, and reviewing work.
- Worked with teacher to optimize learning plans based on student test grades and evaluations.
- Completed daily reports on attendance and disciplinary performance.
- Helped with grading assignments and tests, providing constructive feedback to students based on results.
- Carrying out the quality work of the institute.

Mch 2023 - sep 2023

### Technical Office Engineer

**Full-time**

Project:

**Ministry of Communications buildings in the Smart Village**

company:

**Sodcks**

- Managing the company's stores with a regular inventory of goods.  
Reported regularly to managers on Stores contents.
- Preliminary inventory of fire extinguishing systems for the project and if they are available in our stores then pricing unavailable goods.
- Quality Assurance:
- Conduct regular inspections and quality checks to ensure the integrity and functionality of electrical systems.
- Address any issues or discrepancies promptly to maintain project schedule and quality.
- Enforce strict adherence to safety protocols and regulations to minimize risks and hazards.
- Conduct safety briefings and training sessions for site workers as needed.
- Documentation and Reporting:
- Maintain accurate records of electrical installations, inspections, and project documentation.  
Prepare regular reports on project status, budget utilization, and potential risks.

## Software Skills:

Microsoft Office	Excellent in Microsoft Excel, Word, PowerPoint.
AutoCAD 2D	Excellent in electrical works (wiring, homeruns, blocks ...etc.)
Revit MEP	Excellent in electrical discipline, fair in other MEP disciplines
DIALux&DIALux Evo	Excellent in design of normal lighting, emergency lighting, street lighting.
Etap	Excellent in implementation of short circuit, voltage drop studies.
Ekts	Excellent in designing of several advanced control systems.
MATLAB	Very good in programing scripts and functions on MATLAB and Simulink

## Courses Certifications:

July 2022	KNX eCampus	KNX Association
Jan - Oct 2021	Revit	Uved
Jan - Oct 2021	Electrical Shop Drawing	Online course
Mar 2021	Light Current Systems Design	Udemy
Jan - Oct 2021	Electrical Distribution Design Course II	Online course
Jan - Oct 2021	Electrical Distribution Design Course I	Online course
Aug 2020	Introduction to Programming with MATLAB	Coursera
July 2020	Classic Control Circuit Design	Online course

## Undergraduate Projects:

Nov 2021- May 2022	Graduation project: <ul style="list-style-type: none"><li>○ Design of Electrical Systems for Residential .</li></ul>
Dec 2020 - Jan2021	First prize at AZEX (Al-Azhar Exhibition for engineering applications) for our echo robot.

## Activities & Volunteer:

Nov 2021- July 2022	Team leader of the graduation project
Nov 2019- July 2020	Marketing member at electrical technical information (ETI) team in Alazhar university

## Languages:

Arabic: Mother language  
English: Very good reading, writing, and speaking.